

1 POSITION INVERTER ENCLOSURE IN 19" RACK AND SECURE WITH 12-24 SCREWS AND HARDWARE (4 PLACES).

- 1 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS WITHIN BRACKETS [] ARE IN CENTIMETERS.
- 2 WIRE SYSTEM AS INDICATED IN THE FOLLOWING PAGES.

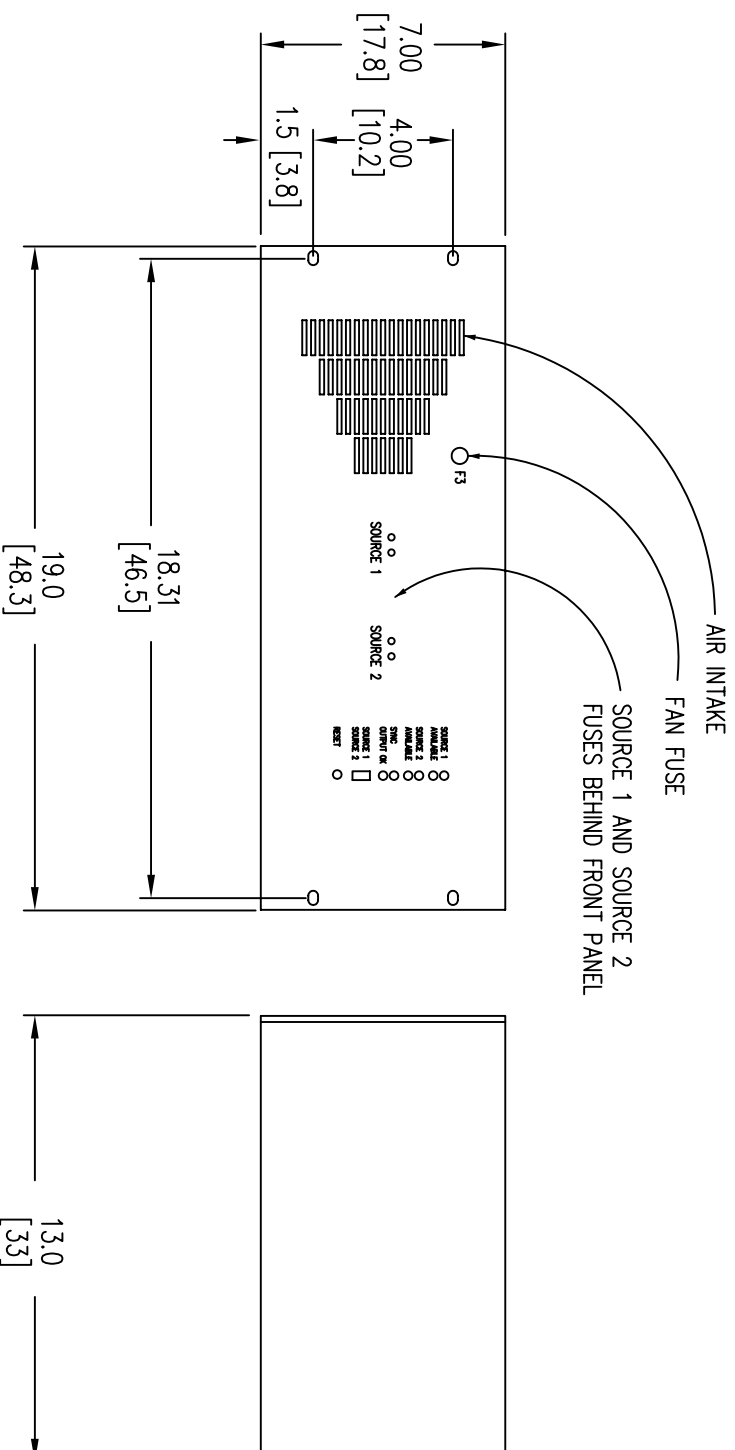
WEIGHT: 20 Lbs [9.08 kg]

SIZE: SEE DRAWING AT LEFT
PAINT: SHERWIN WILLIAMS No. F63 A 33
COLOR: GRAY

HEAT DISSIPATION @ 100% LOAD
⑤ .8 LAGGING pf
511 BTU MAX.

COOLING: FAN ASSISTED
OPERATING AMBIENT= 32°F TO +104°F
(0°C TO +40°C)

NEMA 1= INDOOR DUTY, OPEN VENTILATED,
NONCORROSIVE, UNCONTROLLED
ENVIRONMENT PER UL778, DOES
NOT PREVENT ENTRY OF DUST.
HUMIDITY RANGE: 0 TO 95% NON-CONDENSING
ALTITUDE DERATING: NONE BELOW 7000 FT.
102/1000 FT. ABOVE
AUDIBLE NOISE: 35dB(A) 5 FT. IN FRONT
OF UNIT, 4 FT. FROM FLOOR.

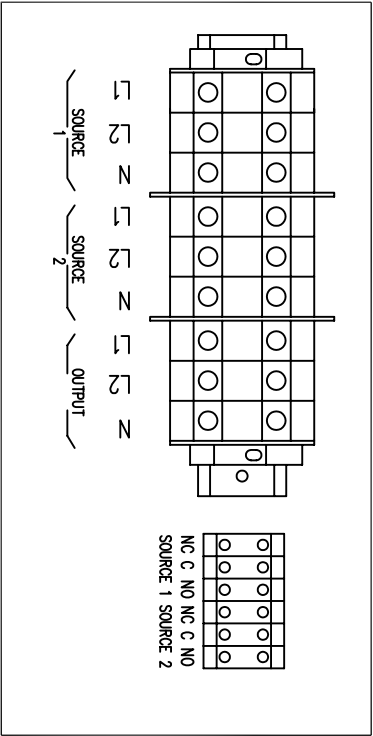
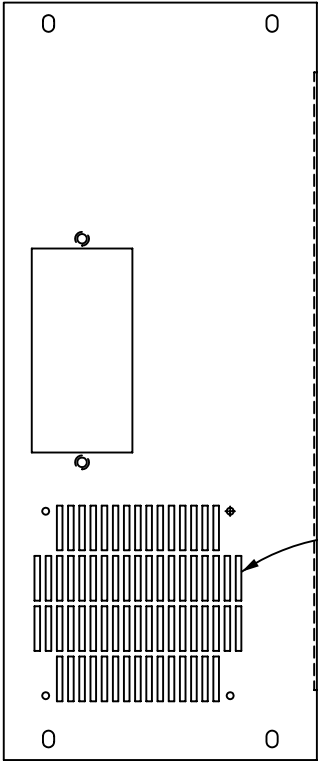


INSTALLER CONNECTIONS

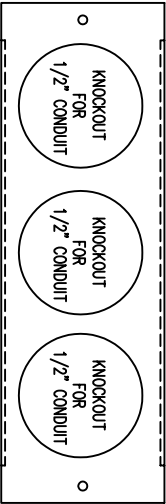
DESIGN	DATE	IC4866-555	
DRAWN WALLACE	DATE 3-11-04		
CHKD	DATE		
APP'D R. L. MOROS	DATE 3-11-04		
		SHEET 1 OF 3	ISS

AIR EXHAUST VENTS
PROVIDE MINIMUM 4"
SPACE AT REAR OF SWITCH.

BACK OF ENCLOSURE



COVER PLATE

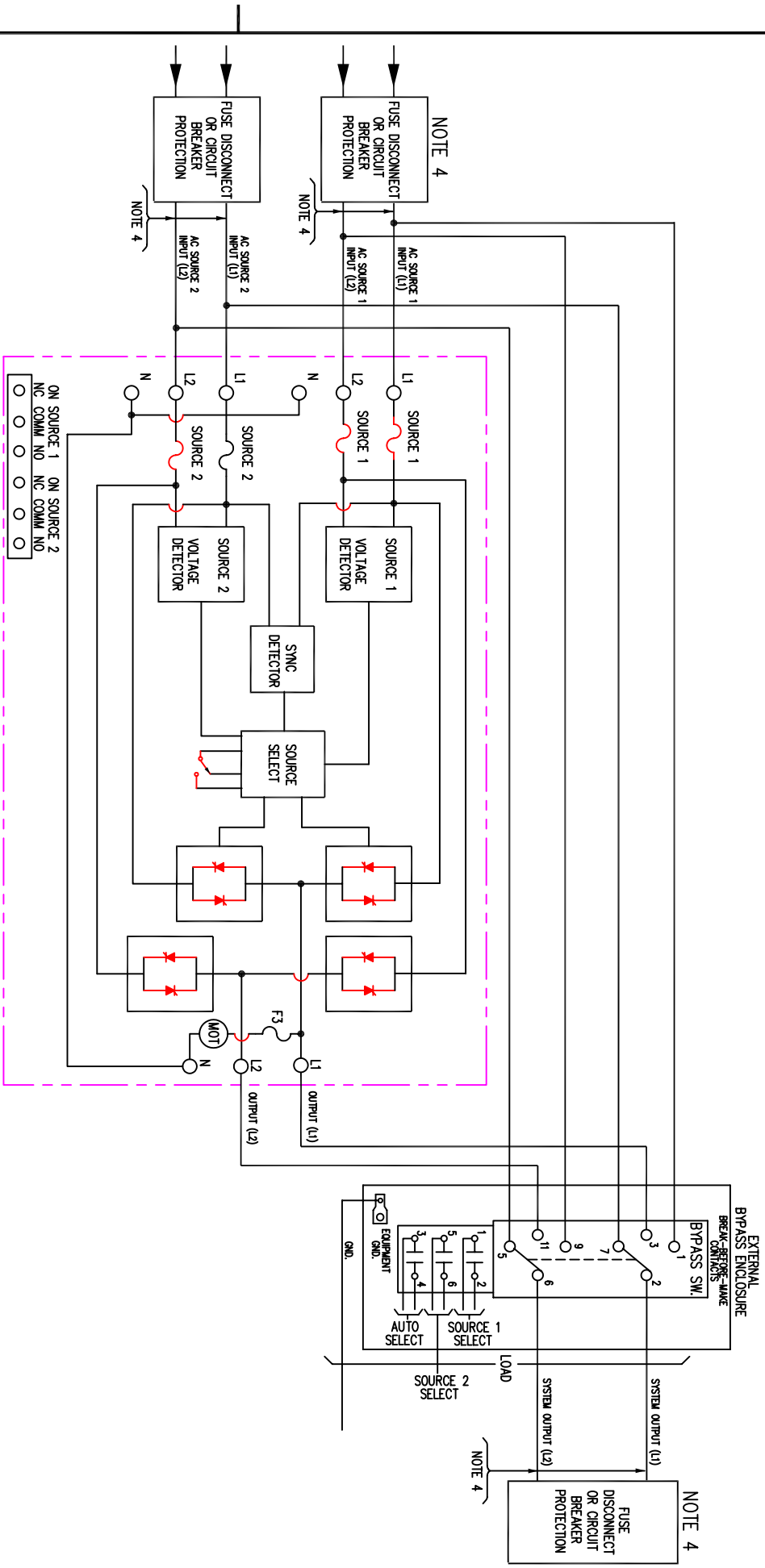


AC INPUT VOLTAGE	CONNECT TO	OUTPUT	CONNECT TO
220V	L1, L2 & (N NEUTRAL)	220V	L1, L2 & (N NEUTRAL)

INSTALLER CONNECTIONS
50 AMP, 2 POLE
STATIC SWITCH

IC4866-555

NOTE: FOR BYPASS SWITCH 2521-560,
TERMINALS 2, 4, 8 ARE TIED TOGETHER
& TERMINALS 6, 10, 12 ARE TIED TOGETHER



50 AMP, 2 POLE STATIC SWITCH

- NOTES:
- 1 WIRE SIZE RECOMMENDATIONS BASED ON 90°C COPPER CONDUCTORS OPERATING IN 30°C AMBIENT AND NEC TABLES 250-95 & 310-16, INCREASE CONDUCTOR SIZE FOR LONG RUNS.
 - 2 ALL FIELD WIRING TO BE COPPER CONDUCTOR ONLY.
 - 3 ALL GROUNDS SHOWN SHALL BE CONNECTED SEPARATELY TO A SINGLE GROUNDING POINT AT THE SOURCE SERVICE EQUIPMENT, PER IEEE STD. 446-1980 FIG. 72.
 - 4 FUSE OR CIRCUIT BREAKER PROTECTION EXTERNAL TO UPS TO BE PROVIDED BY CUSTOMER. SEE TABLE BELOW FOR RECOMMENDED PROTECTION SIZING AND WIRE SIZING.
 - 5 SPECIFIED TORQUE VALUES ARE FOR INTERNAL WIRING CONNECTIONS ONLY.

SIZE	SPEC. No.	AC SOURCE 1 AND 2 INPUTS						OUTPUT					
		TERM. No. (L1,L2,N)						TERM. No. (L1,L2,N)					
		AC INPUT	MAX. INPUT CURRENT	TERM. CAPACITY	TORQUE	RECUM. SIZE	RECUM. FUSING	OUTPUT VOLTAGE	FULL LOAD CURRENT (AMPS)	TERM. CAPACITY	TORQUE	RECUM. SIZE	RECUM. FUSING
50 AMP	4866-555	220	50 AMPS	12-2 AWG	35 IN/LB	6 GA	60A	220V	50 AMP	12-2 AWG	35 IN/LB	6 GA	60 AMP

INSTALLER CONNECTIONS
50A, 2 POLE
STATIC SWITCH

IC4866-555_BYF
SHEET 3 OF 3